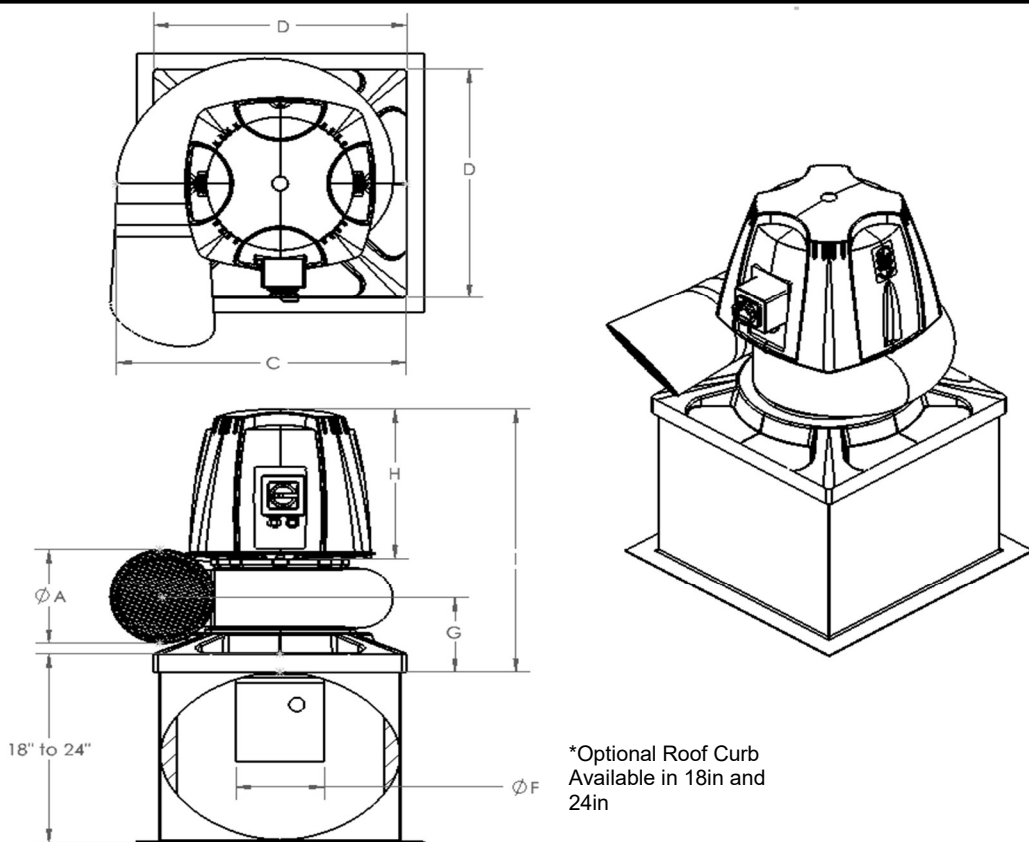




ROOF 25



*Optional Roof Curb
Available in 18in and
24in

Mechanical Data

	ØA (OD)	C	D	ØF (OD)	G	H	I
in	9.04	25.19	22.01	7.86	7.2	14.38	25.35
mm	230	641	560	200	182	366	645

Project Name	
Date	
Engineer/Sales Rep	
Client	
Contractor	

Property rights to all drawings, details, representations, ideas, data, notes and specifications either copies or originals thereof that may be incorporated into the design and/or project are the property solely of Plastec ventilation, inc. Permission for any copies of said copyrighted materials, drawings, details, representations, ideas, data, notes and specifications either originals or copies thereof to be made, copied or altered by any person, business, or corporation may only be authorized with the expressed written permission of Plastec ventilation, inc. By the use of this data, the user acknowledges that he/she has read and understand all of the notes included herein.



ROOF 25

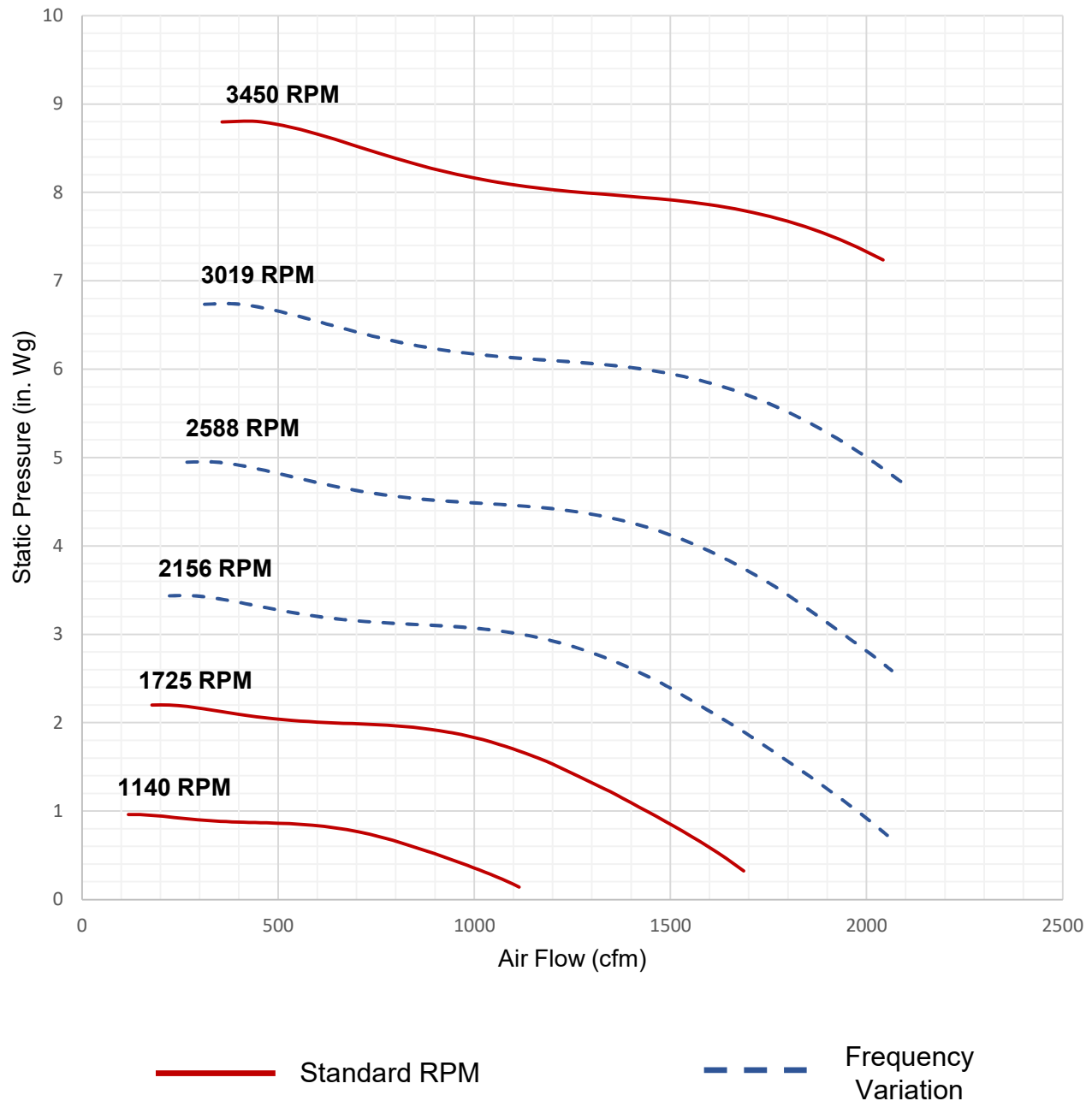
Model Numbers

Model Number	Max. Flow (cfm)	Min. Flow (cfm)	Max. Static (in. Wg)	Min. Static (in. Wg)	Phase	Power (hp)	RPM	Voltage (V)	FLA	Blower Weight (lbs)
R25XS6P033	1120	100	0.88	0.25	Single Phase	0.33	1160	115/208-230	3.8/2.7	58.06
R25XS4P050	1700	100	2	0.25	Single Phase	0.5	1720	115/208-230	5.9/2.9	54.76
R25XT4P050	1700	100	2	0.25	Three Phase	0.5	1720	208-230/460	1.64/0.89	56.96
R25XS4P075	1700	100	2	0.25	Single Phase	0.75	1740	115/208-230	7.2/4.3	59.16
R25XT4P075	1700	100	2	0.25	Three Phase	0.75	1730	208-230/460	2.35/1.29	59.16
R25XT2P300	2100	100	8	0.25	Three Phase	3	3520	208-230/460	7.5/4.19	73.46
R25CX2P300	2100	100	8	0.25	Three Phase	3	3490	575	2.94	64.438
R25XT2P400	2100	100	8	0.25	Three Phase	4	3520	208-230/460	10.2/5.3	99.858
R25CX2P400	2100	100	8	0.25	Three Phase	4	3490	575	3.96	69.278

Property rights to all drawings, details, representations, ideas, data, notes and specifications either copies or originals thereof that may be incorporated into the design and/or project are the property solely of Plastec ventilation, inc. Permission for any copies of said copyrighted materials, drawings, details, representations, ideas, data, notes and specifications either originals or copies thereof to be made, copied or altered by any person, business, or corporation may only be authorized with the expressed written permission of Plastec ventilation, inc. By the use of this data, the user acknowledges that he/she has read and understand all of the notes included herein.



Performance Curve



Property rights to all drawings, details, representations, ideas, data, notes and specifications either copies or originals thereof that may be incorporated into the design and/or project are the property solely of Plastec ventilation, inc. Permission for any copies of said copyrighted materials, drawings, details, representations, ideas, data, notes and specifications either originals or copies thereof to be made, copied or altered by any person, business, or corporation may only be authorized with the expressed written permission of Plastec ventilation, inc. By the use of this data, the user acknowledges that he/she has read and understand all of the notes included herein.



ROOF 25

Acoustic Data

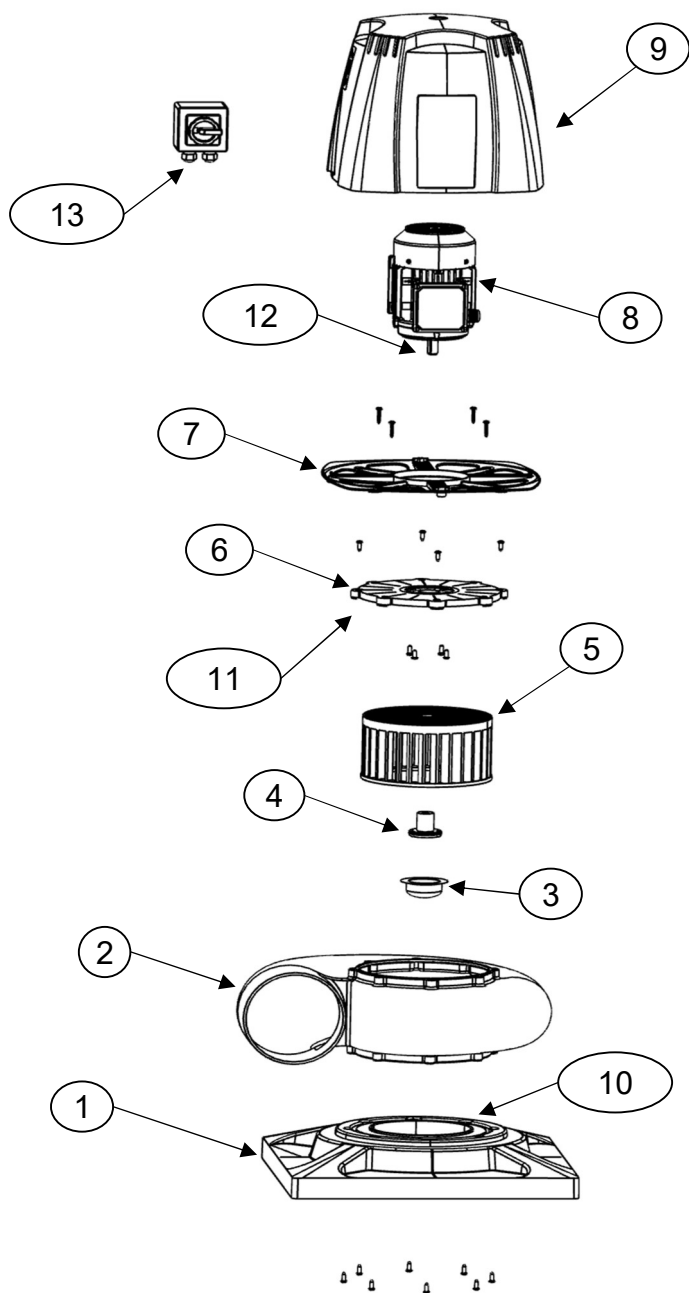
		Qv	Ps	Octave Band (Hz)								Lw	Lw(A)	Lp(A)
		(cfm)	(inwg)	63	125	250	500	1000	2000	4000	8000	dB	dB(A)	dB(A)
3450 RPM	Inlet 1	1858	7.31	103.2	92.0	87.0	89.8	83.2	78.2	76.6	68.9	105.3	95.0	92.9
	Inlet 2	3076	2.45	95.1	89.1	86.4	88.8	85.6	78.0	76.1	70.9	102.0	95.6	93.6
	Inlet 3	919	8.09	101.2	91.8	85.0	88.1	82.0	77.6	74.1	67.0	103.4	93.4	91.4
	Inlet 4	1858	7.31	97.3	84.4	82.7	85.1	81.4	75.1	72.6	66.6	101.1	91.8	89.7
	Outlet 1	919	8.09	95.4	85.3	83.6	83.2	80.6	74.4	70.7	65.2	99.7	91.2	89.2
	Outlet 2	3458	0.00	101.1	98.2	95.8	94.1	90.6	83.0	81.2	74.4	108.5	101.4	99.3
	Outlet 3	3458	0.00	96.2	90.6	87.4	90.3	87.4	80.1	78.2	72.8	103.2	97.0	94.9
	Outlet 4	3076	2.45	100.2	96.5	94.1	92.5	88.6	81.0	79.4	72.6	107.2	99.9	97.9
1725 RPM	Inlet 1	460	2.02	80.3	70.3	68.6	68.1	65.6	59.3	55.7	50.2	84.6	76.2	74.1
	Inlet 2	1729	0.00	81.1	75.5	72.3	75.3	72.4	65.1	63.1	57.8	88.1	81.9	79.9
	Inlet 3	1538	0.61	80.0	74.1	71.4	73.8	70.6	63.0	61.1	55.8	87.0	80.6	78.5
	Inlet 4	929	1.83	82.2	69.3	67.6	70.1	66.3	60.1	57.6	51.6	86.0	76.7	74.6
	Outlet 1	1729	0.00	86.1	83.2	80.8	79.0	75.6	67.9	66.1	59.3	93.4	86.3	84.3
	Outlet 2	1538	0.61	85.2	81.4	79.1	77.5	73.6	65.9	64.3	57.5	92.1	84.9	82.8
	Outlet 3	929	1.83	88.1	76.9	71.9	74.8	68.1	63.2	61.5	53.8	90.3	79.9	77.9
	Outlet 4	460	2.02	86.2	76.7	69.9	73.1	67.0	62.6	59.1	52.0	88.4	78.4	76.3
1140 RPM	Inlet 1	1016	0.27	76.2	72.4	70.1	68.5	64.6	56.9	55.3	48.6	83.1	75.9	73.8
	Inlet 2	1143	0.00	77.1	74.2	71.8	70.0	66.6	58.9	57.2	50.3	84.4	77.3	75.3
	Inlet 3	304	0.88	77.2	67.7	60.9	64.1	58.0	53.6	50.1	43.0	79.4	69.4	67.3
	Inlet 4	614	0.80	73.3	60.3	58.6	61.1	57.3	51.1	48.6	42.6	77.0	67.7	65.7
	Outlet 1	1016	0.27	71.0	65.1	62.4	64.8	61.6	54.0	52.1	46.8	78.0	71.6	69.5
	Outlet 2	1143	0.00	72.1	66.6	63.3	66.3	63.4	56.1	54.1	48.8	79.1	73.0	70.9
	Outlet 3	614	0.80	79.1	67.9	62.9	65.8	59.1	54.2	52.5	44.8	81.3	70.9	68.9
	Outlet 4	304	0.88	71.3	61.3	59.6	59.1	56.6	50.3	46.7	41.2	75.6	67.2	65.1

Property rights to all drawings, details, representations, ideas, data, notes and specifications either copies or originals thereof that may be incorporated into the design and/or project are the property solely of Plastec ventilation, inc. Permission for any copies of said copyrighted materials, drawings, details, representations, ideas, data, notes and specifications either originals or copies thereof to be made, copied or altered by any person, business, or corporation may only be authorized with the expressed written permission of Plastec ventilation, inc. By the use of this data, the user acknowledges that he/she has read and understand all of the notes included herein.



ROOF 25

Expanded View



1	Roof Unit Base
2	Housing
3	Hub Cap
4	Hub
5	Impeller
6	Motor Plate
7	Cap Bracket
8	Motor
9	Roof Unit Cap
10	Inlet Gasket
11	Motor Plate Seal
12	Shaft Key
13	Disconnect Switch

Property rights to all drawings, details, representations, ideas, data, notes and specifications either copies or originals thereof that may be incorporated into the design and/or project are the property solely of Plastec ventilation, inc. Permission for any copies of said copyrighted materials, drawings, details, representations, ideas, data, notes and specifications either originals or copies thereof to be made, copied or altered by any person, business, or corporation may only be authorized with the expressed written permission of Plastec ventilation, inc. By the use of this data, the user acknowledges that he/she has read and understand all of the notes included herein.